

Serial No. 09/584,142
Reply dated: **October 15, 2004**
Reply to Office Action dated July 27, 2004

Docket No. K-0177

REMARKS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-19, 21-23 and 25-29 are pending in the present application. Claims 20 and 24 have been canceled and claims 1, 10, 13, 17, 18, 26 and 28 have been amended by the present Amendment.

In the outstanding Office Action, claims 1, 13, 18-24, 26 and 28 were rejected under 35 U.S.C. § 102(e) as anticipated by Ostman et al.; and claims 2-12, 14-17, 25, 27 and 29 were indicated as allowable if rewritten in independent form.

Applicants thank the Examiner for the indication of allowable subject matter.

Claims 1, 13, 18-24, 26 and 28 stand rejected under 35 U.S.C. § 102(e) as anticipated by Ostman et al. This rejection is respectfully traversed.

As discussed in the previously filed response, according to the present invention, the capacity of a communication system better utilizes the fixed data lengths of ATM cells, thereby reducing the amount of padding required and allowing for the efficient use of multiple virtual channels. Further, using the corresponding virtual path/channel information (R_Tag), the present invention is able to support CPS-data packet having a 64 byte packet length as well as a CPS-data packet having a traditional 53 byte packet length. These features are illustrated in a non-limiting example in Figures 6, 11A and 11B.

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It is respectfully noted the independent claims have been amended to more clearly recite these features. For example, independent claim 1 has been amended to recite that the transmitting part includes an AAL2 transmitter which multiplies the data from the plurality of AAL2 users to generate a CPS-PDU and assigns a routing information to the generated CPS-PDU, and the routing information includes a field indicating whether a CPS-packet length is 53 bytes or 64 bytes. Independent claims 13, 18, 26 and 28 include similar amendments in a varying scope.

On the contrary, Ostman et al. teaches a method of supporting only a CPS-packet of 53 bytes, which can be applied to voice transmission only. This differs from the present invention which is able to support CPS-packet length of 53 bytes as well as 64 bytes, which can be applied to long data transmission and voice transmission.

Accordingly, it is respectfully submitted independent claims 1, 13, 18, 26 and 28 and each of the claims dependent therefrom are also allowable.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is

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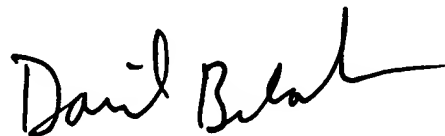
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invited to contact the undersigned attorney, **David A. Bilodeau**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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